

ABSTRACT

A method and device for digital control of electrical consumers in a model railway comprising supplying consumers having contact to a track with energy by means of a square wave voltage which is applied to the track and controlling the consumers by modulation of the square wave voltage in accordance with a digital control information, generating a return signal in a consumer having been supplied with such control information, interrupting application of the square wave voltage from the track during a predetermined time interval, the consumer applying the return signal within the predetermined time interval to the track being now square wave voltage free and detecting the return signal transmitted via the track by means of a sensor connected to the track.